

# Resource Summary Report

Generated by [dkNET](#) on Sep 8, 2026

## STOCK Hcn4<sup>tm2.1</sup>(cre/ERT2)Sev/J

RRID:IMSR\_JAX:024283

Type: Organism

### Proper Citation

RRID:IMSR\_JAX:024283

### Organism Information

**URL:** <https://www.jax.org/strain/024283>

**Proper Citation:** RRID:IMSR\_JAX:024283

**Description:** Mus musculus with name STOCK Hcn4<sup>tm2.1</sup>(cre/ERT2)Sev/J from IMSR.

**Species:** Mus musculus

**Notes:** gene symbol note: Cre recombinase and estrogen receptor 1 (human) fusion gene|hyperpolarization-activated; cyclic nucleotide-gated K<sup>+</sup> 4; mutant stock: cre/ERT2|Hcn4

**Affected Gene:** Cre recombinase and estrogen receptor 1 (human) fusion gene|hyperpolarization-activated; cyclic nucleotide-gated K<sup>+</sup> 4

**Genomic Alteration:** targeted mutation 2.1; Sylvia Evans

**Catalog Number:** JAX:024283

**Database:** JAX Mice and Services

**Database Abbreviation:** JAX

**Availability:** sperm

**Organism Name:** STOCK Hcn4<sup>tm2.1</sup>(cre/ERT2)Sev/J

**Record Creation Time:** 20250513T053750+0000

**Record Last Update:** 20260905T044530+0000

### Ratings and Alerts

No rating or validation information has been found for STOCK Hcn4<sup>tm2.1(cre/ERT2)Sev/J</sup>.

No alerts have been found for STOCK Hcn4<sup>tm2.1(cre/ERT2)Sev/J</sup>.

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## Data and Source Information

**Source:** [Integrated Animals](#)

**Source Database:** JAX Mice and Services

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## Usage and Citation Metrics

We found 1 mentions in open access literature.

**Listed below are recent publications.** The full list is available at [dkNET](#) .

Yoon JY, et al. (2022) Metabolic rescue ameliorates mitochondrial encephalo-cardiomyopathy in murine and human iPSC models of Leigh syndrome. Clinical and translational medicine, 12(7), e954.